

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

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		50	25	17.90	18.28	18.47	19.50
		50	50	17.77	18.27	18.56	19.50
		100	0	17.82	18.26	18.39	19.50
	256QAM	1	0	17.59	18.15	18.20	19.00
		1	50	17.70	18.16	18.31	19.00
		1	99	17.65	18.26	18.60	19.00
		50	0	17.81	18.22	18.37	19.00
		50	25	17.90	18.27	18.50	19.00
		50	50	17.79	18.28	18.56	19.00
		100	0	17.86	18.27	18.49	19.00



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4 Conducted Power of Intra Band LTE Uplink CA

4.1 Conducted Power of LTE Uplink CA

Combination Ant2	Modulation	PCC					SCC					DSI0/1		DSI2/3		DSI4		DSI5	
		Band	BW (MHz)	UL Channel	UL #	UL RB Offset	Band	BW (MHz)	UL Channel	UL #	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA 66C	QPSK	66	20	132072	1	99	66	20	132270	1	0	22.94	24.50	21.99	23.50	16.94	18.50	15.96	17.50
CA 66C	QPSK	66	20	132322	1	99	66	20	132520	1	0	22.92	24.50	22.05	23.50	16.99	18.50	16.01	17.50
CA 66C	QPSK	66	20	132322	1	0	66	20	132124	1	99	22.96	24.50	22.06	23.50	17.01	18.50	16.04	17.50
CA 66C	QPSK	66	20	132572	1	0	66	20	132374	1	99	22.93	24.50	22.08	23.50	16.98	18.50	15.98	17.50

Combination Ant3	Modulation	PCC					SCC					DSI0/1/2/3		DSI4		DSI5	
		Band	BW (MHz)	UL Channel	UL #	UL RB Offset	Band	BW (MHz)	UL Channel	UL #	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA 48C	QPSK	48	20	55340	1	99	48	20	55538	1	0	22.45	24.00	19.33	20.50	18.32	19.50
CA 48C	QPSK	48	20	55990	1	99	48	20	56188	1	0	22.66	24.00	19.45	20.50	18.37	19.50
CA 48C	QPSK	48	20	55990	1	0	48	20	55792	1	99	22.75	24.00	19.46	20.50	18.41	19.50
CA 48C	QPSK	48	20	56640	1	0	48	20	56442	1	99	22.77	24.00	19.5	20.50	18.42	19.50

The number of required test channels for SAR testing is determined based on an even spread across the transmission frequency band of each transmitter. Accordingly, the number of test channels is given by Formula (2):

$$N_c = \text{Round} \left\{ \left[100 \times (f_{\text{high}} - f_{\text{low}}) / f_c \right]^{0.5} \times (f_c / 100)^{0.2} \right\} \quad (2)$$

where

N_c is the number of test channels, rounded to the nearest integer,

f_{high} and f_{low} are the highest and lowest channel frequencies within the transmission band,

$f_c = (f_{\text{high}} + f_{\text{low}}) / 2$ is the mid-band channel frequency all frequencies are expressed in MHz.

SAR testing shall be performed at the center frequency for each channel, where the channel bandwidth is computed as $B_{\text{channel}} = (f_{\text{high}} - f_{\text{low}}) / N_c$.

5 Conducted Power of ENDC-LTE

5.1 Conducted Power of ENDC-LTE(Ant5)

LTE Band 2 DSI 0/1/2/3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.15	23.25	23.23	25.00
		1	2	23.10	23.16	23.35	25.00
		1	5	23.21	23.30	23.29	25.00
		3	0	23.34	23.50	23.57	25.00
		3	2	23.38	23.37	23.52	25.00
		3	3	23.44	23.60	23.61	25.00
		6	0	22.51	22.47	22.57	24.00
	16QAM	1	0	22.79	22.53	22.53	24.00
		1	2	22.77	22.72	22.57	24.00
		1	5	22.73	22.56	22.72	24.00
		3	0	22.22	22.41	22.37	24.00
		3	2	22.41	22.57	22.53	24.00
		3	3	22.39	22.46	22.49	24.00
		6	0	21.39	21.52	21.69	23.00
	64QAM	1	0	21.10	21.20	21.14	23.00
		1	2	21.34	21.44	21.33	23.00
		1	5	21.50	21.66	21.47	23.00
		3	0	21.50	21.52	21.60	23.00
		3	2	21.38	21.52	21.58	23.00
		3	3	21.52	21.64	21.47	23.00
		6	0	20.30	20.36	20.44	22.00
	256QAM	1	0	18.09	18.25	18.19	20.00
		1	2	18.13	18.40	18.32	20.00
		1	5	18.21	18.35	18.53	20.00
		3	0	18.38	18.54	18.48	20.00
		3	2	18.39	18.51	18.50	20.00
		3	3	18.57	18.69	18.73	20.00
		6	0	18.23	18.46	18.45	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	18615	18900	19185	25.00



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		1	7	23.18	23.12	23.31	25.00
		1	14	23.29	23.20	23.16	25.00
		8	0	22.39	22.48	22.51	24.00
		8	4	22.50	22.47	22.56	24.00
		8	7	22.31	22.68	22.63	24.00
		15	0	22.51	22.52	22.53	24.00
	16QAM	1	0	22.73	22.86	22.84	24.00
		1	7	22.75	22.61	22.71	24.00
		1	14	22.71	22.70	22.72	24.00
		8	0	21.25	21.50	21.39	23.00
		8	4	21.38	21.57	21.58	23.00
		8	7	21.38	21.53	21.38	23.00
		15	0	21.30	21.54	21.70	23.00
	64QAM	1	0	21.40	21.57	21.73	23.00
		1	7	21.34	21.31	21.44	23.00
		1	14	21.36	21.58	21.48	23.00
		8	0	20.29	20.51	20.63	22.00
		8	4	20.32	20.50	20.56	22.00
		8	7	20.45	20.58	20.57	22.00
		15	0	20.30	20.43	20.38	22.00
	256QAM	1	0	18.04	18.27	18.20	20.00
		1	7	18.26	18.28	18.34	20.00
		1	14	18.15	18.23	18.48	20.00
		8	0	18.41	18.50	18.39	20.00
		8	4	18.38	18.54	18.66	20.00
		8	7	18.38	18.58	18.66	20.00
		15	0	18.35	18.44	18.52	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.30	23.28	23.40	25.00
		1	13	23.08	23.23	23.21	25.00
		1	24	23.23	23.21	23.23	25.00
		12	0	22.31	22.47	22.45	24.00
		12	6	22.48	22.47	22.52	24.00
		12	13	22.39	22.63	22.57	24.00
		25	0	22.35	22.47	22.65	24.00
	16QAM	1	0	22.43	22.60	22.60	24.00



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		1	13	22.54	22.76	22.69	24.00
		1	24	22.69	22.67	22.64	24.00
		12	0	21.17	21.47	21.32	23.00
		12	6	21.29	21.47	21.63	23.00
		12	13	21.37	21.60	21.52	23.00
		25	0	21.43	21.61	21.52	23.00
	64QAM	1	0	21.40	21.65	21.59	23.00
		1	13	21.34	21.34	21.40	23.00
		1	24	21.49	21.55	21.47	23.00
		12	0	20.39	20.52	20.46	22.00
		12	6	20.27	20.50	20.48	22.00
		12	13	20.56	20.53	20.61	22.00
		25	0	20.29	20.37	20.48	22.00
	256QAM	1	0	18.09	18.31	18.30	20.00
		1	13	18.19	18.23	18.41	20.00
		1	24	18.31	18.34	18.41	20.00
		12	0	18.37	18.58	18.46	20.00
		12	6	18.31	18.39	18.47	20.00
		12	13	18.54	18.52	18.79	20.00
		25	0	18.38	18.46	18.40	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.16	23.44	23.38	25.00
		1	25	23.07	23.24	23.33	25.00
		1	49	23.39	23.35	23.33	25.00
		25	0	22.45	22.41	22.59	24.00
		25	13	22.41	22.35	22.51	24.00
		25	25	22.47	22.67	22.61	24.00
		50	0	22.37	22.53	22.61	24.00
	16QAM	1	0	22.47	22.52	22.54	24.00
		1	25	22.48	22.68	22.65	24.00
		1	49	22.70	22.79	22.79	24.00
		25	0	21.16	21.45	21.37	23.00
		25	13	21.27	21.61	21.50	23.00
		25	25	21.43	21.44	21.52	23.00
		50	0	21.38	21.44	21.56	23.00
	64QAM	1	0	21.09	21.10	21.21	23.00



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		1	25	21.32	21.36	21.44	23.00
		1	49	21.55	21.54	21.43	23.00
		25	0	20.83	20.90	21.09	22.00
		25	13	20.29	20.55	20.48	22.00
		25	25	20.39	20.50	20.62	22.00
		50	0	20.39	20.36	20.37	22.00
	256QAM	1	0	18.11	18.15	18.32	20.00
		1	25	18.20	18.36	18.28	20.00
		1	49	18.16	18.34	18.43	20.00
		25	0	18.28	18.49	18.44	20.00
		25	13	18.28	18.40	18.64	20.00
		25	25	18.40	18.61	18.66	20.00
		50	0	18.38	18.43	18.43	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.12	23.42	23.21	25.00
		1	38	23.04	23.17	23.34	25.00
		1	74	23.22	23.25	23.29	25.00
		36	0	22.43	22.41	22.46	24.00
		36	18	22.47	22.45	22.61	24.00
		36	39	22.37	22.64	22.57	24.00
		75	0	22.51	22.42	22.48	24.00
	16QAM	1	0	22.41	22.57	22.64	24.00
		1	38	22.60	22.65	22.76	24.00
		1	74	22.68	22.71	22.70	24.00
		36	0	21.35	21.51	21.26	23.00
		36	18	21.41	21.57	21.53	23.00
		36	39	21.53	21.58	21.51	23.00
		75	0	21.47	21.45	21.61	23.00
	64QAM	1	0	21.01	21.27	21.07	23.00
		1	38	21.17	21.38	21.32	23.00
		1	74	21.38	21.58	21.60	23.00
		36	0	20.78	21.05	21.10	22.00
		36	18	20.30	20.55	20.46	22.00
		36	39	20.47	20.65	20.51	22.00
		75	0	20.24	20.49	20.29	22.00
	256QAM	1	0	18.14	18.22	18.33	20.00



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		1	38	18.18	18.40	18.34	20.00
		1	74	18.25	18.37	18.39	20.00
		36	0	18.30	18.48	18.41	20.00
		36	18	18.28	18.57	18.49	20.00
		36	39	18.39	18.69	18.79	20.00
		75	0	18.41	18.38	18.45	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.20	23.35	23.30	25.00
		1	50	23.14	23.17	23.31	25.00
		1	99	23.29	23.30	23.24	25.00
		50	0	22.36	22.46	22.54	24.00
		50	25	22.42	22.44	22.59	24.00
		50	50	22.39	22.59	22.55	24.00
		100	0	22.45	22.51	22.58	24.00
	16QAM	1	0	22.36	22.44	22.54	24.00
		1	50	22.45	22.63	22.59	24.00
		1	99	22.50	22.62	22.62	24.00
		50	0	21.25	21.41	21.35	23.00
		50	25	21.36	21.51	21.59	23.00
		50	50	21.46	21.51	21.47	23.00
		100	0	21.39	21.52	21.60	23.00
	64QAM	1	0	21.00	21.17	21.14	23.00
		1	50	21.24	21.40	21.39	23.00
		1	99	21.45	21.57	21.53	23.00
		50	0	20.34	20.47	20.54	22.00
		50	25	20.32	20.46	20.54	22.00
		50	50	20.47	20.58	20.60	22.00
		100	0	20.30	20.45	20.39	22.00
	256QAM	1	0	18.12	18.22	18.27	20.00
		1	50	18.16	18.32	18.38	20.00
		1	99	18.23	18.33	18.43	20.00
		50	0	18.32	18.50	18.42	20.00
		50	25	18.38	18.49	18.56	20.00
		50	50	18.47	18.62	18.71	20.00
		100	0	18.31	18.47	18.42	20.00



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LTE Band 4 DSI 0/1/2/3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	24.25	24.43	24.23	25.00
		1	2	24.21	24.19	24.18	25.00
		1	5	24.40	24.34	24.15	25.00
		3	0	24.42	24.48	24.47	25.00
		3	2	24.44	24.44	24.50	25.00
		3	3	24.50	24.40	24.40	25.00
		6	0	23.58	23.34	23.58	24.00
	16QAM	1	0	23.84	23.61	23.71	24.00
		1	2	23.76	23.69	23.76	24.00
		1	5	23.72	23.97	23.77	24.00
		3	0	23.23	23.42	23.43	24.00
		3	2	23.30	23.37	23.66	24.00
		3	3	23.42	23.51	23.38	24.00
		6	0	22.54	22.42	22.57	23.00
	64QAM	1	0	22.40	22.41	22.45	23.00
		1	2	22.09	22.27	22.35	23.00
		1	5	22.23	22.25	22.11	23.00
		3	0	22.41	22.53	22.33	23.00
		3	2	22.46	22.58	22.45	23.00
		3	3	22.48	22.49	22.43	23.00
		6	0	21.47	21.47	21.41	22.00
	256QAM	1	0	19.13	19.28	19.23	20.00
		1	2	19.42	19.28	19.36	20.00
		1	5	19.27	19.27	18.99	20.00
		3	0	19.51	19.47	19.52	20.00
		3	2	19.36	19.54	19.51	20.00
		3	3	19.44	19.52	19.45	20.00
		6	0	19.35	19.36	19.30	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	24.29	24.37	24.17	25.00
		1	7	24.17	24.35	24.07	25.00
		1	14	24.40	24.35	24.10	25.00
		8	0	23.50	23.51	23.36	24.00



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		8	4	23.43	23.37	23.49	24.00
		8	7	23.43	23.49	23.27	24.00
		15	0	23.62	23.35	23.58	24.00
	16QAM	1	0	23.77	23.71	23.62	24.00
		1	7	23.72	23.76	23.76	24.00
		1	14	23.82	23.84	23.81	24.00
		8	0	22.33	22.27	22.49	23.00
		8	4	22.43	22.35	22.43	23.00
		8	7	22.53	22.42	22.40	23.00
		15	0	22.45	22.54	22.51	23.00
	64QAM	1	0	22.33	22.40	22.39	23.00
		1	7	22.14	22.31	22.20	23.00
		1	14	22.13	22.23	22.17	23.00
		8	0	21.49	21.42	21.49	22.00
		8	4	21.45	21.39	21.39	22.00
		8	7	21.49	21.56	21.47	22.00
		15	0	21.45	21.51	21.38	22.00
	256QAM	1	0	19.01	19.28	19.36	20.00
		1	7	19.32	19.20	19.29	20.00
		1	14	19.19	19.26	19.07	20.00
		8	0	19.35	19.46	19.55	20.00
		8	4	19.36	19.48	19.45	20.00
		8	7	19.52	19.54	19.54	20.00
		15	0	19.27	19.34	19.40	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	24.40	24.31	24.27	25.00
		1	13	24.31	24.31	24.20	25.00
		1	24	24.38	24.32	24.15	25.00
		12	0	23.37	23.49	23.46	24.00
		12	6	23.50	23.44	23.56	24.00
		12	13	23.53	23.30	23.29	24.00
		25	0	23.50	23.41	23.51	24.00
	16QAM	1	0	23.83	23.69	23.62	24.00
		1	13	23.79	23.65	23.78	24.00
		1	24	23.73	23.84	23.80	24.00
		12	0	22.34	22.32	22.43	23.00



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		12	6	22.42	22.43	22.57	23.00
		12	13	22.50	22.35	22.24	23.00
		25	0	22.52	22.39	22.66	23.00
	64QAM	1	0	22.40	22.42	22.46	23.00
		1	13	22.22	22.34	22.35	23.00
		1	24	22.07	22.18	22.06	23.00
		12	0	21.40	21.57	21.55	22.00
		12	6	21.56	21.38	21.47	22.00
		12	13	21.54	21.44	21.44	22.00
		25	0	21.55	21.48	21.52	22.00
	256QAM	1	0	19.10	19.28	19.31	20.00
		1	13	19.37	19.23	19.23	20.00
		1	24	19.32	19.12	19.08	20.00
		12	0	19.40	19.43	19.51	20.00
		12	6	19.39	19.39	19.56	20.00
		12	13	19.44	19.47	19.56	20.00
		25	0	19.41	19.42	19.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	24.31	24.43	24.25	25.00
		1	25	24.31	24.19	24.01	25.00
		1	49	24.32	24.30	24.15	25.00
		25	0	23.32	23.35	23.45	24.00
		25	13	23.42	23.38	23.42	24.00
		25	25	23.42	23.39	23.36	24.00
		50	0	23.57	23.47	23.56	24.00
	16QAM	1	0	23.88	23.69	23.70	24.00
		1	25	23.74	23.70	23.74	24.00
		1	49	23.81	23.93	23.89	24.00
		25	0	22.35	22.30	22.50	23.00
		25	13	22.48	22.48	22.45	23.00
		25	25	22.53	22.34	22.21	23.00
		50	0	22.54	22.38	22.50	23.00
	64QAM	1	0	22.40	22.44	22.33	23.00
		1	25	22.12	22.16	22.33	23.00
		1	49	22.07	22.13	22.10	23.00
		25	0	21.38	21.53	21.56	22.00



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		25	13	21.56	21.49	21.56	22.00
		25	25	21.60	21.46	21.57	22.00
		50	0	21.55	21.53	21.45	22.00
	256QAM	1	0	19.04	19.14	19.25	20.00
		1	25	19.35	19.24	19.31	20.00
		1	49	19.24	19.16	19.00	20.00
		25	0	19.51	19.51	19.48	20.00
		25	13	19.46	19.37	19.61	20.00
		25	25	19.36	19.44	19.55	20.00
		50	0	19.43	19.35	19.44	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	24.37	24.35	24.28	25.00
		1	38	24.18	24.32	24.08	25.00
		1	74	24.39	24.16	24.11	25.00
		36	0	23.40	23.54	23.53	24.00
		36	18	23.62	23.32	23.51	24.00
		36	39	23.51	23.42	23.47	24.00
		75	0	23.51	23.42	23.44	24.00
	16QAM	1	0	23.70	23.63	23.54	24.00
		1	38	23.64	23.72	23.77	24.00
		1	74	23.85	23.99	23.82	24.00
		36	0	22.25	22.46	22.37	23.00
		36	18	22.37	22.34	22.51	23.00
		36	39	22.48	22.48	22.35	23.00
		75	0	22.44	22.48	22.60	23.00
	64QAM	1	0	22.40	22.44	22.28	23.00
		1	38	22.22	22.21	22.24	23.00
		1	74	22.21	22.29	22.20	23.00
		36	0	21.49	21.46	21.47	22.00
		36	18	21.55	21.40	21.49	22.00
		36	39	21.45	21.42	21.52	22.00
		75	0	21.53	21.38	21.44	22.00
	256QAM	1	0	19.06	19.26	19.26	20.00
		1	38	19.34	19.32	19.25	20.00
		1	74	19.21	19.11	19.05	20.00
		36	0	19.38	19.41	19.57	20.00



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		36	18	19.46	19.44	19.58	20.00
		36	39	19.55	19.47	19.48	20.00
		75	0	19.38	19.37	19.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	24.31	24.33	24.22	25.00
		1	50	24.24	24.26	24.11	25.00
		1	99	24.30	24.25	24.18	25.00
		50	0	23.41	23.44	23.43	24.00
		50	25	23.52	23.42	23.46	24.00
		50	50	23.50	23.40	23.37	24.00
		100	0	23.53	23.42	23.48	24.00
	16QAM	1	0	23.78	23.69	23.64	24.00
		1	50	23.73	23.72	23.75	24.00
		1	99	23.82	23.90	23.81	24.00
		50	0	22.27	22.36	22.40	23.00
		50	25	22.39	22.44	22.53	23.00
		50	50	22.46	22.40	22.30	23.00
		100	0	22.52	22.48	22.57	23.00
	64QAM	1	0	22.41	22.34	22.38	23.00
		1	50	22.15	22.25	22.30	23.00
		1	99	22.16	22.20	22.10	23.00
		50	0	21.47	21.50	21.48	22.00
		50	25	21.50	21.48	21.46	22.00
		50	50	21.50	21.47	21.50	22.00
		100	0	21.49	21.44	21.44	22.00
	256QAM	1	0	19.11	19.20	19.26	20.00
		1	50	19.36	19.27	19.31	20.00
		1	99	19.23	19.18	19.08	20.00
		50	0	19.43	19.47	19.52	20.00
		50	25	19.40	19.46	19.55	20.00
		50	50	19.45	19.45	19.54	20.00
		100	0	19.37	19.38	19.39	20.00



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LTE Band 7 DSI 0/1/2/3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.32	24.42	24.41	25.00
		1	13	24.10	24.35	24.43	25.00
		1	24	24.34	24.54	24.61	25.00
		12	0	23.55	23.69	23.78	24.00
		12	6	23.68	23.78	23.61	24.00
		12	13	23.62	23.82	23.79	24.00
		25	0	23.63	23.70	23.64	24.00
	16QAM	1	0	23.49	23.58	23.78	24.00
		1	13	23.61	23.86	23.99	24.00
		1	24	23.88	23.91	23.87	24.00
		12	0	22.55	22.54	22.47	23.00
		12	6	22.67	22.64	22.79	23.00
		12	13	22.63	22.68	22.64	23.00
		25	0	22.63	22.81	22.81	23.00
	64QAM	1	0	22.21	22.29	22.36	23.00
		1	13	22.01	22.26	22.29	23.00
		1	24	21.90	22.22	22.26	23.00
		12	0	21.73	21.76	21.84	22.00
		12	6	21.71	21.92	21.94	22.00
		12	13	21.60	21.82	21.76	22.00
		25	0	21.56	21.80	21.84	22.00
	256QAM	1	0	19.08	19.26	19.42	20.00
		1	13	19.30	19.44	19.63	20.00
		1	24	19.34	19.65	19.63	20.00
		12	0	19.56	19.75	19.79	20.00
		12	6	19.62	19.80	19.81	20.00
		12	13	19.67	19.74	19.88	20.00
		25	0	19.62	19.66	19.73	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	24.14	24.48	24.50	25.00
		1	25	24.06	24.34	24.48	25.00
		1	49	24.34	24.45	24.56	25.00
		25	0	23.44	23.60	23.76	24.00



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		25	13	23.50	23.78	23.79	24.00
		25	25	23.60	23.72	23.68	24.00
		50	0	23.61	23.84	23.75	24.00
	16QAM	1	0	23.19	23.43	23.54	24.00
		1	25	23.45	23.62	23.71	24.00
		1	49	23.65	23.95	23.86	24.00
		25	0	22.52	22.48	22.64	23.00
		25	13	22.60	22.83	22.64	23.00
		25	25	22.66	22.69	22.70	23.00
		50	0	22.66	22.78	22.95	23.00
		50	13	22.66	22.78	22.95	23.00
	64QAM	1	0	22.05	22.24	22.33	23.00
		1	25	22.14	22.23	22.30	23.00
		1	49	22.06	22.15	22.15	23.00
		25	0	21.54	21.76	21.85	22.00
		25	13	21.60	21.80	21.83	22.00
		25	25	21.63	21.83	21.72	22.00
		50	0	21.59	21.69	21.78	22.00
		50	13	21.59	21.69	21.78	22.00
	256QAM	1	0	19.05	19.42	19.53	20.00
		1	25	19.44	19.60	19.49	20.00
		1	49	19.33	19.56	19.68	20.00
		25	0	19.57	19.61	19.86	20.00
		25	13	19.66	19.67	19.76	20.00
		25	25	19.58	19.82	19.83	20.00
		50	0	19.66	19.77	19.81	20.00
		50	13	19.66	19.77	19.81	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	24.12	24.58	24.49	25.00
		1	38	24.11	24.45	24.38	25.00
		1	74	24.39	24.47	24.61	25.00
		36	0	23.55	23.53	23.68	24.00
		36	18	23.58	23.74	23.79	24.00
		36	39	23.55	23.64	23.64	24.00
		75	0	23.63	23.65	23.65	24.00
		75	18	23.63	23.65	23.65	24.00
	16QAM	1	0	23.33	23.37	23.52	24.00
		1	38	23.55	23.63	23.75	24.00
		1	74	23.80	23.85	23.74	24.00
		36	0	22.43	22.58	22.64	23.00



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		36	18	22.53	22.76	22.75	23.00
		36	39	22.68	22.72	22.64	23.00
		75	0	22.61	22.85	22.93	23.00
	64QAM	1	0	22.19	22.37	22.38	23.00
		1	38	21.99	22.30	22.40	23.00
		1	74	21.93	22.21	22.10	23.00
		36	0	21.54	21.67	21.88	22.00
		36	18	21.56	21.76	21.81	22.00
		36	39	21.65	21.90	21.85	22.00
		75	0	21.57	21.61	21.77	22.00
	256QAM	1	0	19.14	19.44	19.47	20.00
		1	38	19.40	19.43	19.58	20.00
		1	74	19.47	19.62	19.64	20.00
		36	0	19.40	19.63	19.74	20.00
		36	18	19.62	19.78	19.94	20.00
		36	39	19.68	19.75	19.79	20.00
		75	0	19.59	19.75	19.76	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	24.22	24.48	24.50	25.00
		1	50	24.16	24.37	24.48	25.00
		1	99	24.32	24.44	24.51	25.00
		50	0	23.46	23.60	23.68	24.00
		50	25	23.60	23.73	23.71	24.00
		50	50	23.59	23.74	23.74	24.00
		100	0	23.65	23.75	23.72	24.00
	16QAM	1	0	23.45	23.66	23.78	24.00
		1	50	23.69	23.83	23.93	24.00
		1	99	23.93	23.89	23.94	24.00
		50	0	22.46	22.57	22.56	23.00
		50	25	22.61	22.73	22.72	23.00
		50	50	22.58	22.75	22.73	23.00
		100	0	22.59	22.80	22.88	23.00
	64QAM	1	0	22.13	22.32	22.40	23.00
		1	50	22.07	22.24	22.34	23.00
		1	99	22.00	22.19	22.19	23.00
		50	0	21.63	21.72	21.79	22.00



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		50	25	21.64	21.82	21.85	22.00
		50	50	21.69	21.80	21.77	22.00
		100	0	21.59	21.71	21.82	22.00
	256QAM	1	0	19.15	19.35	19.45	20.00
		1	50	19.36	19.51	19.57	20.00
		1	99	19.42	19.56	19.64	20.00
		50	0	19.50	19.65	19.77	20.00
		50	25	19.58	19.76	19.84	20.00
		50	50	19.64	19.81	19.79	20.00
		100	0	19.59	19.72	19.78	20.00



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LTE Band 25 DSI 0/2/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	23.15	23.20	23.37	25.00
		1	2	23.21	23.05	23.15	25.00
		1	5	23.14	23.26	23.14	25.00
		3	0	23.26	23.43	23.52	25.00
		3	2	23.33	23.52	23.51	25.00
		3	3	23.39	23.42	23.51	25.00
		6	0	22.43	22.41	22.46	24.00
	16QAM	1	0	22.55	22.44	22.71	24.00
		1	2	22.70	22.60	22.70	24.00
		1	5	22.52	22.62	22.73	24.00
		3	0	22.30	22.39	22.29	24.00
		3	2	22.41	22.45	22.59	24.00
		3	3	22.49	22.34	22.37	24.00
		6	0	21.50	21.45	21.48	23.00
	64QAM	1	0	22.07	21.95	22.08	23.00
		1	2	21.76	21.74	21.70	23.00
		1	5	21.96	22.15	21.98	23.00
		3	0	21.38	21.52	21.32	23.00
		3	2	21.36	21.40	21.36	23.00
		3	3	21.53	21.56	21.53	23.00
		6	0	20.38	20.39	20.46	22.00
	256QAM	1	0	18.15	18.21	18.20	20.00
		1	2	18.15	18.18	18.23	20.00
		1	5	18.17	18.23	18.30	20.00
		3	0	18.38	18.38	18.35	20.00
		3	2	18.56	18.45	18.47	20.00
		3	3	18.58	18.51	18.57	20.00
		6	0	18.19	18.30	18.39	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	23.03	23.12	23.39	25.00
		1	7	23.15	23.07	23.14	25.00
		1	14	23.25	23.22	23.20	25.00
		8	0	22.38	22.26	22.43	24.00



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		8	4	22.53	22.29	22.56	24.00
		8	7	22.35	22.46	22.57	24.00
		15	0	22.36	22.46	22.44	24.00
	16QAM	1	0	22.38	22.53	22.58	24.00
		1	7	22.73	22.73	22.70	24.00
		1	14	22.47	22.63	22.58	24.00
		8	0	21.28	21.27	21.37	23.00
		8	4	21.39	21.43	21.60	23.00
		8	7	21.47	21.43	21.40	23.00
		15	0	21.40	21.41	21.36	23.00
	64QAM	1	0	21.14	21.02	21.07	23.00
		1	7	21.73	21.78	21.66	23.00
		1	14	21.09	21.01	21.00	23.00
		8	0	20.18	20.32	20.45	22.00
		8	4	20.29	20.41	20.48	22.00
		8	7	20.63	20.64	20.63	22.00
		15	0	20.30	20.48	20.41	22.00
	256QAM	1	0	18.20	18.08	18.15	20.00
		1	7	18.27	18.30	18.15	20.00
		1	14	18.18	18.34	18.29	20.00
		8	0	18.38	18.44	18.38	20.00
		8	4	18.40	18.46	18.44	20.00
		8	7	18.43	18.56	18.49	20.00
		15	0	18.24	18.36	18.46	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	23.05	23.20	23.32	25.00
		1	13	23.18	23.05	23.00	25.00
		1	24	23.24	23.25	23.22	25.00
		12	0	22.20	22.32	22.45	24.00
		12	6	22.45	22.41	22.46	24.00
		12	13	22.46	22.45	22.47	24.00
		25	0	22.49	22.45	22.42	24.00
	16QAM	1	0	22.41	22.55	22.60	24.00
		1	13	22.59	22.64	22.67	24.00
		1	24	22.43	22.49	22.50	24.00
		12	0	21.25	21.34	21.47	23.00



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		12	6	21.41	21.42	21.62	23.00
		12	13	21.49	21.46	21.48	23.00
		25	0	21.41	21.39	21.39	23.00
	64QAM	1	0	21.01	21.06	21.99	23.00
		1	13	21.66	21.73	21.82	23.00
		1	24	21.97	21.15	21.03	23.00
		12	0	20.20	20.47	20.47	22.00
		12	6	20.25	20.37	20.44	22.00
		12	13	20.53	20.49	20.73	22.00
		25	0	20.41	20.38	20.43	22.00
		25	0	20.41	20.38	20.43	22.00
	256QAM	1	0	18.22	18.19	18.14	20.00
		1	13	18.14	18.29	18.26	20.00
		1	24	18.18	18.34	18.23	20.00
		12	0	18.36	18.43	18.43	20.00
		12	6	18.46	18.53	18.52	20.00
		12	13	18.52	18.55	18.44	20.00
		25	0	18.22	18.38	18.46	20.00
		25	0	18.22	18.38	18.46	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	23.12	23.27	23.44	25.00
		1	25	23.13	23.15	23.05	25.00
		1	49	23.28	23.38	23.18	25.00
		25	0	22.24	22.42	22.49	24.00
		25	13	22.38	22.47	22.53	24.00
		25	25	22.41	22.55	22.42	24.00
		50	0	22.38	22.34	22.45	24.00
		50	0	22.38	22.34	22.45	24.00
	16QAM	1	0	22.32	22.52	22.58	24.00
		1	25	22.63	22.58	22.69	24.00
		1	49	22.38	22.51	22.60	24.00
		25	0	21.27	21.34	21.36	23.00
		25	13	21.44	21.37	21.44	23.00
		25	25	21.38	21.51	21.36	23.00
		50	0	21.32	21.44	21.51	23.00
		50	0	21.32	21.44	21.51	23.00
	64QAM	1	0	21.04	21.14	21.47	23.00
		1	25	21.29	21.17	21.29	23.00
		1	49	21.00	21.45	21.07	23.00
		25	0	20.20	20.37	20.52	22.00



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		25	13	20.39	20.33	20.44	22.00
		25	25	20.59	20.67	20.72	22.00
		50	0	20.28	20.49	20.42	22.00
	256QAM	1	0	18.23	18.08	18.24	20.00
		1	25	18.19	18.21	18.31	20.00
		1	49	18.29	18.24	18.31	20.00
		25	0	18.48	18.38	18.48	20.00
		25	13	18.40	18.53	18.47	20.00
		25	25	18.45	18.46	18.48	20.00
		50	0	18.25	18.50	18.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	23.02	23.13	23.39	25.00
		1	38	23.07	23.09	23.07	25.00
		1	74	23.26	23.39	23.27	25.00
		36	0	22.32	22.44	22.51	24.00
		36	18	22.45	22.35	22.59	24.00
		36	39	22.27	22.44	22.56	24.00
		75	0	22.35	22.43	22.57	24.00
	16QAM	1	0	22.48	22.47	22.48	24.00
		1	38	22.60	22.54	22.70	24.00
		1	74	22.34	22.60	22.64	24.00
		36	0	21.36	21.41	21.38	23.00
		36	18	21.45	21.52	21.43	23.00
		36	39	21.48	21.54	21.45	23.00
		75	0	21.48	21.33	21.32	23.00
	64QAM	1	0	21.45	21.01	21.08	23.00
		1	38	21.25	21.31	21.23	23.00
		1	74	21.47	21.12	21.05	23.00
		36	0	20.32	20.48	20.44	22.00
		36	18	20.20	20.39	20.46	22.00
		36	39	20.55	20.56	20.54	22.00
		75	0	20.34	20.51	20.51	22.00
	256QAM	1	0	18.10	18.14	18.13	20.00
		1	38	18.14	18.11	18.22	20.00
		1	74	18.22	18.29	18.19	20.00
		36	0	18.43	18.42	18.52	20.00



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		36	18	18.56	18.51	18.37	20.00
		36	39	18.50	18.46	18.59	20.00
		75	0	18.39	18.35	18.47	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	23.11	23.22	23.35	25.00
		1	50	23.14	23.06	23.10	25.00
		1	99	23.23	23.29	23.24	25.00
		50	0	22.30	22.35	22.45	24.00
		50	25	22.43	22.39	22.50	24.00
		50	50	22.36	22.47	22.48	24.00
		100	0	22.42	22.41	22.51	24.00
	16QAM	1	0	22.41	22.45	22.55	24.00
		1	50	22.63	22.63	22.74	24.00
		1	99	22.41	22.53	22.59	24.00
		50	0	21.26	21.37	21.37	23.00
		50	25	21.45	21.42	21.53	23.00
		50	50	21.48	21.44	21.41	23.00
		100	0	21.41	21.42	21.42	23.00
	64QAM	1	0	21.05	21.05	21.06	23.00
		1	50	21.24	21.25	21.24	23.00
		1	99	21.02	21.05	21.06	23.00
		50	0	20.28	20.39	20.44	22.00
		50	25	20.29	20.41	20.47	22.00
		50	50	20.59	20.59	20.63	22.00
		100	0	20.36	20.41	20.42	22.00
	256QAM	1	0	18.19	18.15	18.20	20.00
		1	50	18.21	18.20	18.21	20.00
		1	99	18.25	18.25	18.28	20.00
		50	0	18.38	18.40	18.42	20.00
		50	25	18.47	18.43	18.45	20.00
		50	50	18.48	18.50	18.51	20.00
		100	0	18.29	18.40	18.41	20.00



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LTE Band 25 DSI 1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	22.11	22.15	22.33	24.00
		1	2	22.21	22.10	22.20	24.00
		1	5	22.09	22.21	22.09	24.00
		3	0	22.22	22.45	22.47	24.00
		3	2	22.29	22.54	22.46	24.00
		3	3	22.44	22.41	22.48	24.00
		6	0	22.45	22.46	22.45	24.00
	16QAM	1	0	22.53	22.48	22.69	24.00
		1	2	22.66	22.56	22.67	24.00
		1	5	22.56	22.66	22.70	24.00
		3	0	22.29	22.43	22.33	24.00
		3	2	22.46	22.40	22.56	24.00
		3	3	22.44	22.32	22.33	24.00
		6	0	21.49	21.45	21.53	23.00
	64QAM	1	0	21.60	21.46	21.60	23.00
		1	2	21.21	21.23	21.17	23.00
		1	5	21.46	21.63	21.46	23.00
		3	0	21.33	21.57	21.35	23.00
		3	2	21.35	21.36	21.32	23.00
		3	3	21.48	21.53	21.48	23.00
		6	0	20.43	20.44	20.48	22.00
	256QAM	1	0	18.16	18.26	18.23	20.00
		1	2	18.15	18.22	18.23	20.00
		1	5	18.19	18.19	18.35	20.00
		3	0	18.33	18.42	18.31	20.00
		3	2	18.58	18.44	18.42	20.00
		3	3	18.60	18.50	18.52	20.00
		6	0	18.21	18.35	18.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	22.48	22.09	22.39	24.00
		1	7	22.12	22.04	22.10	24.00
		1	14	22.26	22.22	22.16	24.00
		8	0	22.40	22.22	22.43	24.00



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		8	4	22.54	22.29	22.60	24.00
		8	7	22.34	22.47	22.56	24.00
		15	0	22.34	22.46	22.44	24.00
	16QAM	1	0	22.33	22.57	22.58	24.00
		1	7	22.77	22.75	22.75	24.00
		1	14	22.43	22.63	22.60	24.00
		8	0	21.31	21.24	21.34	23.00
		8	4	21.44	21.39	21.65	23.00
		8	7	21.47	21.45	21.42	23.00
		15	0	21.44	21.45	21.31	23.00
	64QAM	1	0	21.18	21.04	21.12	23.00
		1	7	21.23	21.24	21.13	23.00
		1	14	21.56	21.47	21.48	23.00
		8	0	21.16	21.37	21.48	23.00
		8	4	21.33	21.41	21.01	23.00
		8	7	21.11	21.14	21.08	23.00
		15	0	20.27	20.49	20.36	22.00
	256QAM	1	0	18.18	18.13	18.13	20.00
		1	7	18.31	18.30	18.13	20.00
		1	14	18.22	18.36	18.33	20.00
		8	0	18.40	18.49	18.37	20.00
		8	4	18.40	18.48	18.49	20.00
		8	7	18.42	18.54	18.48	20.00
		15	0	18.26	18.40	18.46	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	22.09	22.19	22.33	24.00
		1	13	22.15	22.01	22.02	24.00
		1	24	22.20	22.30	22.18	24.00
		12	0	22.17	22.27	22.43	24.00
		12	6	22.48	22.46	22.49	24.00
		12	13	22.50	22.45	22.50	24.00
		25	0	22.53	22.40	22.46	24.00
	16QAM	1	0	22.43	22.54	22.56	24.00
		1	13	22.61	22.60	22.65	24.00
		1	24	22.41	22.52	22.49	24.00
		12	0	21.27	21.39	21.44	23.00



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		12	6	21.44	21.44	21.59	23.00
		12	13	21.44	21.50	21.51	23.00
		25	0	21.44	21.35	21.38	23.00
	64QAM	1	0	21.06	21.01	21.45	23.00
		1	13	21.16	21.20	21.86	23.00
		1	24	21.00	21.19	21.48	23.00
		12	0	21.18	21.50	21.43	23.00
		12	6	21.30	21.34	21.47	23.00
		12	13	21.00	21.44	21.26	23.00
		25	0	20.38	20.41	20.43	22.00
	256QAM	1	0	18.19	18.14	18.12	20.00
		1	13	18.09	18.26	18.22	20.00
		1	24	18.16	18.29	18.21	20.00
		12	0	18.37	18.47	18.45	20.00
		12	6	18.49	18.57	18.52	20.00
		12	13	18.51	18.57	18.46	20.00
		25	0	18.25	18.38	18.50	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	22.10	22.23	22.47	24.00
		1	25	22.09	22.45	22.05	24.00
		1	49	22.29	22.38	22.13	24.00
		25	0	22.20	22.47	22.52	24.00
		25	13	22.36	22.42	22.58	24.00
		25	25	22.42	22.60	22.45	24.00
		50	0	22.39	22.38	22.48	24.00
	16QAM	1	0	22.32	22.51	22.58	24.00
		1	25	22.64	22.62	22.72	24.00
		1	49	22.41	22.46	22.64	24.00
		25	0	21.25	21.29	21.33	23.00
		25	13	21.44	21.38	21.48	23.00
		25	25	21.38	21.56	21.41	23.00
		50	0	21.31	21.44	21.53	23.00
	64QAM	1	0	21.08	21.15	21.46	23.00
		1	25	21.32	21.15	21.32	23.00
		1	49	21.00	21.42	21.06	23.00
		25	0	21.16	21.38	21.55	23.00



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		25	13	21.35	21.32	21.43	23.00
		25	25	21.09	21.14	21.24	23.00
		50	0	20.32	20.52	20.41	22.00
	256QAM	1	0	18.22	18.07	18.23	20.00
		1	25	18.17	18.17	18.30	20.00
		1	49	18.31	18.24	18.34	20.00
		25	0	18.46	18.37	18.51	20.00
		25	13	18.43	18.56	18.52	20.00
		25	25	18.40	18.47	18.47	20.00
		50	0	18.23	18.54	18.34	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	22.49	22.17	22.36	24.00
		1	38	22.09	22.04	22.02	24.00
		1	74	22.25	22.34	22.32	24.00
		36	0	22.32	22.45	22.56	24.00
		36	18	22.41	22.39	22.57	24.00
		36	39	22.29	22.49	22.52	24.00
		75	0	22.34	22.39	22.54	24.00
	16QAM	1	0	22.52	22.52	22.52	24.00
		1	38	22.60	22.53	22.71	24.00
		1	74	22.39	22.61	22.59	24.00
		36	0	21.38	21.42	21.42	23.00
		36	18	21.47	21.56	21.44	23.00
		36	39	21.51	21.58	21.41	23.00
		75	0	21.45	21.32	21.36	23.00
	64QAM	1	0	21.47	21.00	21.03	23.00
		1	38	21.28	21.26	21.26	23.00
		1	74	21.46	21.17	21.07	23.00
		36	0	21.27	21.47	21.48	23.00
		36	18	21.23	21.39	21.46	23.00
		36	39	21.10	21.04	21.05	23.00
		75	0	20.29	20.47	20.46	22.00
	256QAM	1	0	18.12	18.10	18.17	20.00
		1	38	18.18	18.09	18.21	20.00
		1	74	18.25	18.32	18.19	20.00
		36	0	18.38	18.43	18.56	20.00



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		36	18	18.53	18.51	18.41	20.00
		36	39	18.45	18.49	18.61	20.00
		75	0	18.42	18.37	18.49	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	22.54	22.60	22.79	24.00
		1	50	22.54	22.49	22.47	24.00
		1	99	22.60	22.66	22.63	24.00
		50	0	22.33	22.34	22.45	24.00
		50	25	22.44	22.40	22.52	24.00
		50	50	22.32	22.47	22.43	24.00
		100	0	22.46	22.36	22.48	24.00
	16QAM	1	0	22.36	22.41	22.51	24.00
		1	50	22.60	22.60	22.72	24.00
		1	99	22.39	22.56	22.59	24.00
		50	0	21.29	21.39	21.38	23.00
		50	25	21.42	21.38	21.56	23.00
		50	50	21.49	21.40	21.36	23.00
		100	0	21.38	21.43	21.45	23.00
	64QAM	1	0	21.00	21.07	21.04	23.00
		1	50	21.20	21.23	21.20	23.00
		1	99	21.03	21.03	21.10	23.00
		50	0	21.24	21.41	21.39	23.00
		50	25	21.24	21.39	21.00	23.00
		50	50	21.07	21.13	21.16	23.00
		100	0	20.33	20.45	20.43	22.00
	256QAM	1	0	18.15	18.17	18.17	20.00
		1	50	18.19	18.15	18.22	20.00
		1	99	18.25	18.26	18.31	20.00
		50	0	18.43	18.44	18.40	20.00
		50	25	18.52	18.42	18.46	20.00
		50	50	18.44	18.46	18.46	20.00
		100	0	18.29	18.38	18.38	20.00



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LTE Band 25 DSI 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	21.71	21.65	21.80	23.50
		1	2	21.69	21.57	21.71	23.50
		1	5	21.58	21.73	21.62	23.50
		3	0	21.83	21.94	22.04	23.50
		3	2	21.81	22.06	22.02	23.50
		3	3	21.91	21.92	21.92	23.50
		6	0	21.98	21.92	21.88	23.50
	16QAM	1	0	22.02	21.92	22.26	23.50
		1	2	22.18	22.12	22.19	23.50
		1	5	22.00	22.16	22.18	23.50
		3	0	21.81	21.94	21.85	23.50
		3	2	21.95	21.93	22.18	23.50
		3	3	21.95	21.84	21.96	23.50
		6	0	21.46	21.50	21.47	23.00
	64QAM	1	0	21.44	21.38	21.59	23.00
		1	2	21.19	21.27	21.22	23.00
		1	5	21.40	21.63	21.52	23.00
		3	0	21.28	21.58	21.32	23.00
		3	2	21.33	21.40	21.41	23.00
		3	3	21.53	21.65	21.58	23.00
		6	0	20.30	20.35	20.55	22.00
	256QAM	1	0	18.12	18.22	18.14	20.00
		1	2	18.14	18.27	18.19	20.00
		1	5	18.14	18.11	18.33	20.00
		3	0	18.33	18.40	18.29	20.00
		3	2	18.51	18.45	18.36	20.00
		3	3	18.49	18.44	18.64	20.00
		6	0	18.14	18.25	18.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	21.51	21.56	21.96	23.50
		1	7	21.58	21.63	21.59	23.50
		1	14	21.75	21.71	21.72	23.50
		8	0	21.78	21.71	21.93	23.50



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		8	4	22.01	21.81	22.02	23.50
		8	7	21.87	21.98	22.12	23.50
		15	0	21.90	22.00	21.95	23.50
	16QAM	1	0	21.93	22.00	22.01	23.50
		1	7	22.25	22.19	22.12	23.50
		1	14	21.99	22.21	22.05	23.50
		8	0	21.25	21.24	21.43	23.00
		8	4	21.32	21.46	21.58	23.00
		8	7	21.52	21.46	21.49	23.00
		15	0	21.31	21.36	21.37	23.00
	64QAM	1	0	21.19	21.07	21.05	23.00
		1	7	21.27	21.29	21.13	23.00
		1	14	21.59	21.47	21.54	23.00
		8	0	20.13	20.32	20.54	22.00
		8	4	20.24	20.39	20.40	22.00
		8	7	20.64	20.67	20.59	22.00
		15	0	20.31	20.48	20.43	22.00
	256QAM	1	0	18.18	18.07	18.13	20.00
		1	7	18.24	18.26	18.11	20.00
		1	14	18.23	18.31	18.29	20.00
		8	0	18.43	18.52	18.35	20.00
		8	4	18.40	18.47	18.38	20.00
		8	7	18.40	18.66	18.46	20.00
		15	0	18.23	18.34	18.51	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	21.61	21.74	21.79	23.50
		1	13	21.64	21.94	21.50	23.50
		1	24	21.68	21.75	21.70	23.50
		12	0	21.61	21.78	21.98	23.50
		12	6	22.01	21.91	21.91	23.50
		12	13	21.90	22.00	21.94	23.50
		25	0	22.04	21.96	21.97	23.50
	16QAM	1	0	21.89	22.01	22.02	23.50
		1	13	22.18	22.07	22.19	23.50
		1	24	21.90	21.99	22.01	23.50
		12	0	21.31	21.32	21.43	23.00



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		12	6	21.42	21.52	21.52	23.00
		12	13	21.53	21.44	21.51	23.00
		25	0	21.40	21.41	21.40	23.00
	64QAM	1	0	21.57	21.52	21.43	23.00
		1	13	21.19	21.22	21.26	23.00
		1	24	21.48	21.66	21.55	23.00
		12	0	20.24	20.51	20.47	22.00
		12	6	20.18	20.37	20.40	22.00
		12	13	20.54	20.49	20.73	22.00
		25	0	20.41	20.39	20.44	22.00
	256QAM	1	0	18.23	18.19	18.15	20.00
		1	13	18.15	18.28	18.29	20.00
		1	24	18.17	18.35	18.25	20.00
		12	0	18.34	18.45	18.35	20.00
		12	6	18.40	18.58	18.47	20.00
		12	13	18.60	18.49	18.42	20.00
		25	0	18.15	18.40	18.47	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	21.69	21.78	21.90	23.50
		1	25	21.62	21.90	21.61	23.50
		1	49	21.80	21.92	21.68	23.50
		25	0	21.76	21.90	21.96	23.50
		25	13	21.87	21.94	21.96	23.50
		25	25	21.90	22.04	21.88	23.50
		50	0	21.89	21.81	21.88	23.50
	16QAM	1	0	21.85	21.94	22.08	23.50
		1	25	22.14	22.01	22.18	23.50
		1	49	21.92	21.98	22.13	23.50
		25	0	21.27	21.37	21.37	23.00
		25	13	21.45	21.43	21.43	23.00
		25	25	21.30	21.46	21.45	23.00
		50	0	21.36	21.39	21.60	23.00
	64QAM	1	0	21.52	21.59	21.48	23.00
		1	25	21.33	21.18	21.32	23.00
		1	49	21.52	21.47	21.57	23.00
		25	0	20.21	20.37	20.56	22.00



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		25	13	20.42	20.42	20.50	22.00
		25	25	20.58	20.71	20.69	22.00
		50	0	20.28	20.50	20.47	22.00
	256QAM	1	0	18.28	18.13	18.28	20.00
		1	25	18.21	18.15	18.29	20.00
		1	49	18.26	18.22	18.25	20.00
		25	0	18.42	18.40	18.49	20.00
		25	13	18.39	18.53	18.42	20.00
		25	25	18.54	18.48	18.40	20.00
		50	0	18.24	18.50	18.39	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	21.97	21.64	21.86	23.50
		1	38	21.60	21.57	21.52	23.50
		1	74	21.69	21.80	21.76	23.50
		36	0	21.88	22.02	21.99	23.50
		36	18	21.99	21.88	22.15	23.50
		36	39	21.84	21.92	22.09	23.50
		75	0	21.82	21.88	22.08	23.50
	16QAM	1	0	21.99	21.95	21.99	23.50
		1	38	22.05	22.04	22.16	23.50
		1	74	21.89	22.05	22.08	23.50
		36	0	21.37	21.34	21.43	23.00
		36	18	21.44	21.58	21.41	23.00
		36	39	21.50	21.61	21.47	23.00
		75	0	21.55	21.28	21.27	23.00
	64QAM	1	0	21.49	21.54	21.60	23.00
		1	38	21.26	21.38	21.22	23.00
		1	74	21.49	21.63	21.53	23.00
		36	0	20.29	20.48	20.45	22.00
		36	18	20.18	20.37	20.39	22.00
		36	39	20.55	20.58	20.50	22.00
		75	0	20.40	20.44	20.52	22.00
	256QAM	1	0	18.07	18.18	18.06	20.00
		1	38	18.20	18.09	18.14	20.00
		1	74	18.24	18.23	18.27	20.00
		36	0	18.43	18.39	18.49	20.00



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		36	18	18.57	18.55	18.35	20.00
		36	39	18.50	18.44	18.62	20.00
		75	0	18.39	18.30	18.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	21.58	21.65	21.88	23.50
		1	50	21.69	21.52	21.61	23.50
		1	99	21.71	21.73	21.80	23.50
		50	0	21.85	21.80	21.86	23.50
		50	25	21.95	21.85	22.03	23.50
		50	50	21.95	22.02	21.94	23.50
		100	0	21.90	21.85	22.06	23.50
	16QAM	1	0	21.91	22.02	22.02	23.50
		1	50	22.16	22.09	22.24	23.50
		1	99	21.96	21.95	22.11	23.50
		50	0	21.35	21.32	21.39	23.00
		50	25	21.44	21.41	21.57	23.00
		50	50	21.47	21.49	21.45	23.00
		100	0	21.38	21.45	21.48	23.00
	64QAM	1	0	21.07	21.07	21.04	23.00
		1	50	21.30	21.28	21.25	23.00
		1	99	21.10	21.01	21.08	23.00
		50	0	20.22	20.34	20.48	22.00
		50	25	20.32	20.37	20.43	22.00
		50	50	20.55	20.66	20.64	22.00
		100	0	20.33	20.49	20.37	22.00
	256QAM	1	0	18.16	18.21	18.25	20.00
		1	50	18.23	18.19	18.23	20.00
		1	99	18.31	18.26	18.30	20.00
		50	0	18.44	18.45	18.47	20.00
		50	25	18.41	18.46	18.35	20.00
		50	50	18.43	18.44	18.45	20.00
		100	0	18.27	18.45	18.48	20.00



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LTE Band 66 DSI 0/1/2/3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	24.32	24.37	24.28	25.00
		1	2	24.23	24.12	24.14	25.00
		1	5	24.37	24.26	24.13	25.00
		3	0	24.46	24.18	24.24	25.00
		3	1	24.54	24.46	24.48	25.00
		3	3	24.52	24.51	24.50	25.00
		6	0	23.53	23.36	23.40	24.00
	16QAM	1	0	23.96	23.95	23.82	24.00
		1	2	23.74	23.92	23.85	24.00
		1	5	23.92	23.76	23.72	24.00
		3	0	23.39	23.37	23.53	24.00
		3	1	23.37	23.39	23.35	24.00
		3	3	23.38	23.58	23.55	24.00
		6	0	22.50	22.51	22.40	23.00
	64QAM	1	0	22.17	22.19	22.01	23.00
		1	2	22.16	22.05	22.06	23.00
		1	5	22.23	22.07	22.15	23.00
		3	0	22.59	22.46	22.42	23.00
		3	1	22.43	22.35	22.45	23.00
		3	3	22.62	22.58	22.36	23.00
		6	0	21.51	21.31	21.34	22.00
	256QAM	1	0	19.24	19.29	19.36	20.00
		1	2	19.19	19.33	19.22	20.00
		1	5	19.43	19.26	19.30	20.00
		3	0	19.55	19.47	19.47	20.00
		3	1	19.50	19.53	19.47	20.00
		3	3	19.71	19.50	19.50	20.00
		6	0	19.37	19.47	19.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	24.36	24.30	24.33	25.00
		1	7	24.23	24.04	24.12	25.00
		1	14	24.35	24.21	24.09	25.00
		8	0	23.48	23.43	23.40	24.00



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		8	4	23.58	23.45	23.40	24.00
		8	7	23.50	23.40	23.42	24.00
		15	0	23.44	23.31	23.55	24.00
	16QAM	1	0	23.87	23.93	23.80	24.00
		1	7	23.86	23.88	23.77	24.00
		1	14	23.81	23.79	23.81	24.00
		8	0	22.40	22.45	22.46	23.00
		8	4	22.43	22.40	22.37	23.00
		8	7	22.52	22.46	22.46	23.00
		15	0	22.57	22.49	22.45	23.00
	64QAM	1	0	22.12	22.14	22.10	23.00
		1	7	22.17	21.90	22.00	23.00
		1	14	22.22	21.98	22.11	23.00
		8	0	21.53	21.38	21.51	22.00
		8	4	21.36	21.38	21.48	22.00
		8	7	21.73	21.61	21.43	22.00
		15	0	21.46	21.31	21.31	22.00
	256QAM	1	0	19.20	19.15	19.36	20.00
		1	7	19.30	19.17	19.19	20.00
		1	14	19.47	19.28	19.18	20.00
		8	0	19.60	19.52	19.39	20.00
		8	4	19.57	19.38	19.38	20.00
		8	7	19.55	19.54	19.42	20.00
		15	0	19.38	19.45	19.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	24.31	24.40	24.22	25.00
		1	13	24.22	24.19	24.17	25.00
		1	24	24.37	24.22	24.12	25.00
		12	0	23.54	23.43	23.43	24.00
		12	6	23.52	23.50	23.32	24.00
		12	13	23.46	23.53	23.50	24.00
		25	0	23.57	23.47	23.55	24.00
	16QAM	1	0	23.81	23.81	23.69	24.00
		1	13	23.79	23.76	23.68	24.00
		1	24	23.81	23.69	23.77	24.00
		12	0	22.40	22.45	22.34	23.00



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		12	6	22.35	22.48	22.40	23.00
		12	13	22.47	22.39	22.38	23.00
		25	0	22.55	22.48	22.46	23.00
	64QAM	1	0	22.11	22.14	22.14	23.00
		1	13	22.20	21.98	22.04	23.00
		1	24	22.23	22.07	22.05	23.00
		12	0	21.49	21.52	21.52	22.00
		12	6	21.44	21.48	21.37	22.00
		12	13	21.76	21.60	21.47	22.00
		25	0	21.39	21.30	21.27	22.00
		1	0	19.22	19.29	19.17	20.00
	256QAM	1	13	19.28	19.19	19.10	20.00
		1	24	19.35	19.20	19.17	20.00
		12	0	19.64	19.43	19.44	20.00
		12	6	19.47	19.41	19.49	20.00
		12	13	19.59	19.52	19.47	20.00
		25	0	19.31	19.42	19.55	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	24.26	24.22	24.17	25.00
		1	25	24.16	24.14	24.10	25.00
		1	49	24.20	24.26	24.14	25.00
		25	0	23.49	23.27	23.43	24.00
		25	13	23.43	23.37	23.34	24.00
		25	25	23.47	23.49	23.37	24.00
		50	0	23.58	23.33	23.45	24.00
		1	0	23.85	23.94	23.77	24.00
	16QAM	1	25	23.76	23.81	23.68	24.00
		1	49	23.98	23.74	23.72	24.00
		25	0	22.48	22.31	22.44	23.00
		25	13	22.46	22.31	22.38	23.00
		25	25	22.38	22.40	22.54	23.00
		50	0	22.61	22.54	22.40	23.00
		1	0	22.15	22.15	22.18	23.00
		1	25	22.06	21.92	22.09	23.00
	64QAM	1	49	22.15	22.12	22.12	23.00
		25	0	21.48	21.46	21.49	22.00



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		25	13	21.51	21.49	21.40	22.00
		25	25	21.75	21.47	21.51	22.00
		50	0	21.38	21.37	21.47	22.00
	256QAM	1	0	19.16	19.29	19.31	20.00
		1	25	19.32	19.28	19.15	20.00
		1	49	19.35	19.36	19.18	20.00
		25	0	19.49	19.43	19.32	20.00
		25	13	19.55	19.45	19.48	20.00
		25	25	19.59	19.61	19.46	20.00
		50	0	19.35	19.51	19.52	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	24.37	24.34	24.33	25.00
		1	38	24.32	24.18	24.13	25.00
		1	74	24.21	24.19	24.24	25.00
		36	0	23.42	23.24	23.36	24.00
		36	18	23.42	23.46	23.43	24.00
		36	39	23.44	23.43	23.40	24.00
		75	0	23.61	23.43	23.43	24.00
	16QAM	1	0	23.83	23.81	23.78	24.00
		1	38	23.79	23.92	23.80	24.00
		1	74	23.90	23.85	23.68	24.00
		36	0	22.40	22.48	22.36	23.00
		36	18	22.43	22.34	22.33	23.00
		36	39	22.53	22.47	22.48	23.00
		75	0	22.53	22.40	22.34	23.00
	64QAM	1	0	22.11	22.11	22.06	23.00
		1	38	22.09	21.94	22.03	23.00
		1	74	22.25	22.13	22.18	23.00
		36	0	21.56	21.41	21.42	22.00
		36	18	21.43	21.34	21.41	22.00
		36	39	21.60	21.57	21.49	22.00
		75	0	21.43	21.40	21.46	22.00
	256QAM	1	0	19.34	19.19	19.36	20.00
		1	38	19.12	19.34	19.20	20.00
		1	74	19.34	19.33	19.29	20.00
		36	0	19.56	19.43	19.41	20.00



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		36	18	19.45	19.52	19.47	20.00
		36	39	19.64	19.64	19.43	20.00
		75	0	19.42	19.41	19.43	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	24.30	24.32	24.25	25.00
		1	50	24.26	24.13	24.08	25.00
		1	99	24.28	24.24	24.17	25.00
		50	0	23.51	23.34	23.33	24.00
		50	25	23.50	23.43	23.42	24.00
		50	50	23.48	23.49	23.44	24.00
		100	0	23.53	23.38	23.46	24.00
	16QAM	1	0	23.89	23.85	23.79	24.00
		1	50	23.76	23.82	23.77	24.00
		1	99	23.91	23.79	23.77	24.00
		50	0	22.41	22.39	22.42	23.00
		50	25	22.40	22.41	22.37	23.00
		50	50	22.47	22.43	22.44	23.00
		100	0	22.53	22.45	22.40	23.00
	64QAM	1	0	22.10	22.13	22.10	23.00
		1	50	22.11	21.99	22.02	23.00
		1	99	22.17	22.05	22.13	23.00
		50	0	21.46	21.42	21.49	22.00
		50	25	21.42	21.40	21.44	22.00
		50	50	21.66	21.54	21.44	22.00
		100	0	21.44	21.40	21.37	22.00
	256QAM	1	0	19.24	19.20	19.26	20.00
		1	50	19.22	19.26	19.17	20.00
		1	99	19.38	19.26	19.26	20.00
		50	0	19.56	19.47	19.38	20.00
		50	25	19.50	19.43	19.46	20.00
		50	50	19.64	19.56	19.47	20.00
		100	0	19.36	19.42	19.49	20.00



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6 Conducted Power of NR Antenna

6.1 Conducted Power of NR Antenna (Ant1)

N5 DSI 0/1/2/3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.94	23.86	23.97	25.00
		1	53	24.02	24.02	24.26	25.00
		1	104	24.12	23.87	24.12	25.00
		50	0	23.54	23.56	23.66	24.50
		50	28	24.25	24.10	24.19	25.00
		50	56	23.78	23.74	23.65	24.50
		100	0	23.71	23.53	23.60	24.50
	DFT-s-OFDM QPSK	1	1	24.04	23.85	24.04	25.00
		1	53	24.11	23.95	24.16	25.00
		1	104	24.18	23.93	24.05	25.00
		50	0	23.08	23.00	23.12	24.00
		50	28	24.16	24.17	24.22	25.00
		50	56	23.21	23.16	23.09	24.00
		100	0	23.15	23.12	23.07	24.00
	DFT-s-OFDM 16QAM	1	1	23.09	23.04	23.24	24.00
	DFT-s-OFDM 64QAM	1	1	21.51	21.49	21.66	22.50
	DFT-s-OFDM 256QAM	1	1	19.74	19.53	19.79	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	22.20	22.28	22.51	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	24.03	24.04	24.12	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	24.13	23.86	24.17	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	



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5MHz	DFT-s-OFDM QPSK	1	1	24.13	23.93	24.09	25.00
------	--------------------	---	---	-------	-------	-------	-------

N5 DSI 4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.90	19.79	19.88	21.00
		1	53	20.05	20.02	20.29	21.00
		1	104	20.19	19.93	20.10	21.00
		50	0	19.54	19.50	19.56	20.50
		50	28	20.26	20.01	20.11	21.00
		50	56	19.75	19.67	19.56	20.50
		100	0	19.80	19.47	19.54	20.50
	DFT-s-OFDM QPSK	1	1	19.94	19.80	20.08	21.00
		1	53	20.20	19.89	20.06	21.00
		1	104	20.25	19.83	19.96	21.00
		50	0	19.14	19.02	19.07	20.00
		50	28	20.24	20.19	20.28	21.00
		50	56	19.28	19.12	19.09	20.00
		100	0	19.19	19.20	19.04	20.00
	DFT-s-OFDM 16QAM	1	1	19.18	18.99	19.21	20.00
	DFT-s-OFDM 64QAM	1	1	17.53	17.48	17.56	18.50
	DFT-s-OFDM 256QAM	1	1	15.72	15.52	15.86	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	18.28	18.34	18.60	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	20.01	19.95	20.05	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	20.05	19.82	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	



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5MHz	DFT-s-OFDM QPSK	1	1	20.06	19.88	20.03	21.00
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N5 DSI 5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.88	18.79	18.95	20.00
		1	53	19.02	18.92	19.36	20.00
		1	104	19.18	19.00	19.05	20.00
		50	0	18.46	18.44	18.48	19.50
		50	28	19.25	18.95	19.02	20.00
		50	56	18.66	18.76	18.64	19.50
		100	0	18.75	18.42	18.52	19.50
	DFT-s-OFDM QPSK	1	1	19.04	18.84	19.18	20.00
		1	53	19.27	18.89	19.06	20.00
		1	104	19.32	18.79	19.06	20.00
		50	0	18.10	17.99	18.06	19.00
		50	28	19.25	19.14	19.37	20.00
		50	56	18.19	18.11	18.05	19.00
		100	0	18.21	18.29	18.12	19.00
	DFT-s-OFDM 16QAM	1	1	18.27	17.96	18.16	19.00
	DFT-s-OFDM 64QAM	1	1	16.48	16.53	16.53	17.50
	DFT-s-OFDM 256QAM	1	1	14.66	14.59	14.77	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	CP-OFDM QPSK	1	1	17.19	17.27	17.55	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166300	167300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	19.03	18.87	19.03	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	167300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	18.99	18.86	19.17	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	19.06	18.90	18.99	20.00



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N14 DSI 0/1/2/3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	158600	/	
				/	793	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.20	/	25.00
		1	26	/	24.04	/	25.00
		1	50	/	24.07	/	25.00
		25	0	/	23.54	/	24.50
		25	14	/	23.88	/	25.00
		25	27	/	23.55	/	24.50
		50	0	/	23.54	/	24.50
	DFT-s-OFDM QPSK	1	1	/	24.12	/	25.00
		1	26	/	23.97	/	25.00
		1	50	/	24.04	/	25.00
		25	0	/	22.95	/	24.00
		25	14	/	23.94	/	25.00
		25	27	/	23.03	/	24.00
		50	0	/	23.05	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	23.11	/	24.00
	DFT-s-OFDM 64QAM	1	1	/	21.41	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	19.54	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	158600	/	
10MHz	CP-OFDM QPSK	1	1	/	22.45	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				158100	158600	159100	
5MHz	DFT-s-OFDM QPSK	1	1	24.04	23.91	23.97	25.00



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N14 DSI 4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	158600	/	
				/	793	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.74	/	22.50
		1	26	/	21.47	/	22.50
		1	50	/	21.56	/	22.50
		25	0	/	21.12	/	22.00
		25	14	/	21.30	/	22.50
		25	27	/	21.11	/	22.00
		50	0	/	21.00	/	22.00
	DFT-s-OFDM QPSK	1	1	/	21.72	/	22.50
		1	26	/	21.47	/	22.50
		1	50	/	21.49	/	22.50
		25	0	/	20.46	/	21.50
		25	14	/	21.48	/	22.50
		25	27	/	20.51	/	21.50
		50	0	/	20.60	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.66	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	18.84	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	17.12	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	158600	/	
10MHz	CP-OFDM QPSK	1	1	/	19.89	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				158100	158600	159100	
5MHz	DFT-s-OFDM QPSK	1	1	21.50	21.35	21.41	22.50



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N14 DSI 5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	158600	/	
				/	793	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.67	/	21.50
		1	26	/	20.56	/	21.50
		1	50	/	20.51	/	21.50
		25	0	/	20.22	/	21.00
		25	14	/	20.26	/	21.50
		25	27	/	20.10	/	21.00
		50	0	/	20.02	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.66	/	21.50
		1	26	/	20.53	/	21.50
		1	50	/	20.41	/	21.50
		25	0	/	19.39	/	20.50
		25	14	/	20.56	/	21.50
		25	27	/	19.47	/	20.50
		50	0	/	19.55	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	19.66	/	20.50
	DFT-s-OFDM 64QAM	1	1	/	17.89	/	19.00
	DFT-s-OFDM 256QAM	1	1	/	16.18	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	158600	/	
10MHz	CP-OFDM QPSK	1	1	/	18.80	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				158100	158600	159100	
5MHz	DFT-s-OFDM QPSK	1	1	20.45	20.37	20.51	21.50



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NR N26 DSI 0/1				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
				824	831.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.85	23.87	23.99	25.00
		1	53	23.92	23.92	23.96	25.00
		1	104	23.95	24.09	23.87	25.00
		50	0	23.54	23.56	23.50	24.50
		50	28	23.85	23.88	24.01	25.00
		50	56	23.58	23.43	23.50	24.50
		100	0	23.49	23.49	23.63	24.50
	DFT-s-OFDM QPSK	1	1	23.85	23.96	23.90	25.00
		1	53	23.91	23.99	23.97	25.00
		1	104	23.88	24.14	23.95	25.00
		50	0	22.97	22.97	23.06	24.00
		50	28	23.92	23.95	24.05	25.00
		50	56	22.99	22.99	23.04	24.00
		100	0	22.97	23.01	23.03	24.00
	DFT-s-OFDM 16QAM	1	1	22.95	22.68	22.99	24.00
	DFT-s-OFDM 64QAM	1	1	21.21	21.25	21.45	22.50
	DFT-s-OFDM 256QAM	1	1	19.53	19.42	19.55	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
20MHz	CP-OFDM QPSK	1	1	22.26	22.41	22.53	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	23.93	24.02	23.95	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	23.93	23.95	24.01	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	23.96	23.88	23.95	25.00



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